

U.S. Application No. 10/651,428, filed August 29, 2003

Attorney Docket No. 17405US04

Amendment dated November 1, 2007

In Response to Office Action mailed June 1, 2007

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A method in a mobile set for selecting data to be stored, comprising:

(a) displaying a plurality of recording modes, each of the plurality of recording modes ~~for~~ recording a different set of data frames exchanged between the mobile set and a second device during a phone call;

(b) ~~indicating a selection mechanism for~~ choosing one of the displayed plurality of recording modes; and

(c) recording a set of data frames ~~identified by a~~ according to the chosen recording mode, the recorded set of data frames comprising a downlink voice signal, a downlink video signal, an uplink voice signal and an uplink video signal in which the downlink video signal is recorded at the mobile set when the downlink voice signal is determined to have voice activity and in which the uplink video signal is recorded at the mobile set when the uplink voice signal is determined to have voice activity.

2. (Currently Amended) The method of claim 1, ~~further~~ comprising:

~~providing a confirmation signal after a selection means for choosing [a] the recording mode; and has been selected~~

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time stamping frames of the downlink voice signal and frames of the uplink voice signal so that the frames of the downlink voice signal and the frames of the uplink voice signal can be paired according to their time stamps and recorded as a single data stream.

3. (Currently Amended) A method in a mobile set for replaying recorded conversations, comprising:

(a) displaying a line providing a display indicating a data structure of recorded conversations, the recorded conversations including comprising uplink data frames transmitted from the mobile set to a second device during a phone call[,] and downlink data frames transmitted, from the second device to the mobile set during the phone call, wherein the uplink data frames comprise uplink voice signal frames and uplink video signal frames, wherein the downlink data frames comprise downlink voice signal frames and downlink video signal frames, wherein the uplink data frames and the downlink data frames are selectively recorded based on data content analysis, performed by the mobile set, of each uplink data frame and each downlink data frame, wherein the uplink video signal frames are recorded when the uplink voice signal frames are determined to have voice activity, wherein the downlink video signal frames are recorded when the downlink voice signal frames are determined to have voice activity; and

(b) in response to selection of the displayed line, replaying a recorded conversation.

4. (Currently Amended) A method in a mobile set, for replaying previously recorded conversations during a real time conversation, comprising:

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(a) displaying a list of providing a display indicating data structures representing recorded conversations, the recorded conversations including comprising uplink data frames transmitted from the mobile set to a second device mobile set during a phone call[,] and downlink data frames transmitted from the second device to the mobile set during the phone call, wherein the uplink data frames comprise uplink voice signal frames and uplink video signal frames, wherein the downlink data frames comprise downlink voice signal frames and downlink video signal frames, wherein the uplink data frames and the downlink data frames are selectively recorded based on data content analysis, performed by the mobile set, of each uplink data frame and each downlink data frame, wherein the uplink video signal frames are recorded when the uplink voice signal frames are determined to have voice activity, wherein the downlink video signal frames are recorded when the downlink voice signal frames are determined to have voice activity; and

(b) in response to selection of the displayed list a particular data structure of the data structures, replaying at least a portion of [a] the particular data structure.

5. (Currently Amended) The method of claim 4, wherein the displaying of a list of data structures display can be accessed during a real time subscriber conversation using the mobile set without interfering in the communication between the subscriber and a base station.

6. (Currently Amended) The method of claim 4, wherein in response to the selection of the particular data structure a selection of the displayed list, a portion of a previously recorded conversation may be played back and transmitted through the uplink signal.

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7. (Currently Amended) The method of claim 1,

wherein the recorded set of data frames include comprises speech data and video data transmitted by the mobile set to the second device during the phone call, and wherein the second device comprises a second mobile set.

8. (Currently Amended) The method of claim 1,

wherein the recorded set of data frames include comprises speech data and video data received by the mobile set from the second device during the phone call, and wherein the recorded set of data frames are connected into a single data stream in which identity and source information is preserved for each of the downlink voice signal, the downlink video signal, the uplink voice signal and the uplink video signal.

9. (Currently Amended) The method of claim 1,

wherein the recorded set of data frames include non-speech data comprises text messaging between the mobile set and the second device during the phone call.

10. (Currently Amended) The method of claim 3, wherein the data frames include speech data the recorded conversations are connected into a single data stream that is recorded such that identity and source information is preserved for each of the downlink voice signal frames, the downlink video signal frames, the uplink voice signal frames and the uplink video signal frames.

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11. (Currently Amended) The method of claim 4, wherein the data frames include speech data the recorded conversations are connected into a single data stream that is recorded such that identity and source information is preserved for each of the downlink voice signal frames, the downlink video signal frames, the uplink voice signal frames and the uplink video signal frames.

12. (Currently Amended) The method of claim 1, wherein a first of the plurality of recording modes records only data transmitted by the mobile set to the second device during the phone call, a second of the plurality of recording modes records only data received by the mobile set from the second device during the phone call, and a third of the plurality of recording modes records both the data transmitted by the mobile set to the second device and the data received by the mobile set from the second device during the phone call the recorded set of data frames are connected into a single data stream that is recorded such that identity and source information is preserved for each of the downlink voice signal, the downlink video signal, the uplink voice signal and the uplink video signal.

13. (Currently Amended) The method of claim 9, wherein the non-speech data includes one of video, text, graphics, and application data comprising:
time stamping frames of the downlink voice signal, frames of the uplink voice signal and frames of the text messaging so that the frames of the downlink voice signal, the frames of the uplink voice signal and the frames of the text messaging can be associated according to their time stamps and recorded as a single data stream.

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14. (Currently Amended) The method of claim 3, wherein the data frames include non-speech frames the recorded conversations comprise text messaging between the mobile set and the second device during the phone call.

15. (Currently Amended) The method of claim 14, wherein the non-speech frames include one of video, text, graphics, and application data frames comprising:

time stamping the downlink voice signal frames, the uplink voice signal frames and text messaging frames so that the downlink voice signal frames, the uplink voice signal frames and the text messaging frames can be associated according to their time stamps and recorded as a single data stream.

16. (Currently Amended) The method of claim 4, wherein the data frames include non-speech frames the recorded conversations comprise text messaging between the mobile set and the second device during the phone call.

17. (Currently Amended) The method of claim 16, wherein the non-speech frames include one of video, text, graphics, and application data frames comprising:

time stamping the downlink voice signal frames, the uplink voice signal frames and text messaging frames so that the downlink voice signal frames, the uplink voice signal frames and the text messaging frames can be associated according to their time stamps and recorded as a single data stream.

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18. (Currently Amended) The method of claim 3, wherein the data content analysis includes comprises a determination of data content level.

19. (Currently Amended) The method of claim 3, wherein the data content analysis includes comprises a determination of voice activity.

20. (Currently Amended) The method of claim 4, wherein the data content analysis includes comprises a determination of voice activity.